

## GENERAL-PURPOSE HOST SIMULATOR

### ABSTRACT OF THE DISCLOSURE

The present invention provides a simulation system for evaluating an application. The simulation system includes a description file for describing a host protocol specification defining an environment in which the application is operated. The description file contains a project object corresponding to the host protocol specification. The project object describes a message structure that is compatible with the host protocol specification. A host simulator is coupled to the description file. The host simulator is adaptable in response to accessing the project object, to communicate a message with the application that is compatible with the host protocol specification.

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